

I CLAIM:

1. A reclining chair comprising:

a base frame;

a pivot link having a lower pivot end connected
5 pivotally to said base frame, and an upper pivot end;

a back frame having a lower end;

a carriage having front and rear ends;

a linkage mechanism for coupling pivotally said lower
end of said back frame to said rear end of said carriage
10 and said upper pivot end of said pivot link, thereby
permitting movement of said back frame from an upright
position to a tilted position relative to said carriage
in response to pressure applied on said back frame and
thereby permitting movement of said carriage between
15 front and rear carriage positions relative to said base
frame;

a leg rest assembly connected pivotally to said front
end of said carriage and said base frame and driven by
said carriage to move from a retracted position to an
20 extended position during movement of said carriage from
the front carriage position to the rear carriage position;
and

stop means provided on said linkage mechanism and
said rear end of said carriage for positioning said back
25 frame at the tilted position;

wherein, when said back frame is at the tilted position,
movement of said carriage from the front carriage

position to the rear carriage position due to an external applied force results in movement of said leg rest assembly from the retracted position to the extended position and simultaneously results in rearward
5 pivoting movement of said back frame, said linkage mechanism, said carriage and said pivot link relative to said base frame.

2. The reclining chair as claimed in Claim 1, wherein said linkage mechanism includes:

10 a first link member mounted on said lower end of said back frame and having a first pivot end connected pivotally to said rear end of said carriage, and a second pivot end disposed rearwardly and below said first pivot end;

15 a second link member having a rear pivot end connected pivotally to said second pivot end of said first link member, and a front pivot end; and

a third link member having a front end connected pivotally to said carriage, a rear end connected
20 pivotally to said front pivot end of said second link member, and an intermediate portion connected pivotally to said upper pivot end of said pivot link.

3. The reclining chair as claimed in Claim 2, wherein said rear end of said carriage has a coupling plate
25 mounted thereon, said first pivot end of said first link member being mounted pivotally on said coupling plate, said stop means including a stop projection formed on

said coupling plate, and a stop flange extending from said first pivot end of said first link member and abutting against said stop projection when said back frame is at the tilted position.

5 4. The reclining chair as claimed in Claim 2, further comprising an extension spring having opposite ends connected to said first and second link members, respectively.

10 5. The reclining chair as claimed in Claim 1, wherein said leg rest assembly includes:

a leg rest member;

a swing link having a front swing end connected pivotally to said front end of said carriage, and a rear swing end connected pivotally to said base frame; and

15 a pantograph linkage device having a front coupling end connected to said leg rest member, and a rear coupling end connected pivotally to said front and rear swing ends of said swing link and said base frame.

20 6. The reclining chair as claimed in Claim 5, further comprising second stop means provided on said swing link and said base frame for positioning said leg rest assembly at the extended position.

25 7. The reclining chair as claimed in Claim 6, wherein said second stop means includes a stop projection formed on said base frame, and a stop flange extending from said rear swing end of said swing link and abutting against said stop projection when said leg rest assembly

is at the extended position.

8. The reclining chair as claimed in Claim 5, wherein
said pantograph linkage device includes an extension
spring for providing an assist force to assist in
5 movement of said leg rest assembly from the extended
position back to the retracted position.

9. The reclining chair as claimed in Claim 1, further
comprising a pair of armrest frames mounted respectively
on opposite lateral sides of said base frame.

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